

## FY07 Plan for **Grid/Security**

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Date: 19 June 2007

Relevant Strategic Plans - [Grid Strategic Plan](#)

### **Security.Goal -**

- Provide OSG Security officer
- Provide appropriate security environment for the Fermilab OSE.
- Increase ability to reason about grid security issues in the staff.

**Security.Strategy** –sufficient to increase the usability grid infrastructure usable to the FNAL mission... Special attention to the special needs of the DOE environment, ...success in designated roles ... OSG Security Officer. ... evolving the (fermilab) organization to build acumen in grid techniques.

## **Grid/Security**

### **Objectives for FY08**

1. Provide OSG security officer
  - a. Oversight of the OSG security at the EB level.
  - b. Provide OSG core security in the context of Risk analysis and controls
  - c. Provide grid level security services.
2. Provide input to the Fermilab OSE security
3. Build overall acumen in Open Science security sufficient for integrated security management within FNAL.

### **Grid/Security/OSGSecurity Officer/Oversight**

- Activity type: Ongoing
- Timescale: 4 \* Q 2008
- Milestones:
- Metrics Acknowledged traction of OSG-lead items in the broader community, for example the OSG vision of VO accountability.

### **Grid/Security/OSGSecurity Officer/Core**

- Activity type: Ongoing
- Timescale: 4 \* Q 2008
- Milestones:

Metrics Complete ST&E of security controls.

### **Grid/Security/OSGSecurity Officer/Grid Security Services**

- Activity type: Ongoing
- Timescale: 4 \* Q 2008
- Milestones: Useful grid auditing Tool by 3/15/2008
- Metrics implements use cases in design document.

## **Grid/Security/OSE**

- Activity type: Ongoing
- Timescale: 4 \* Q 2008
- Milestones: OSE-side controls implemented by 11/1/07
- Metrics: Complete ST&E for the OSE.

### **Grid/Security/Acumen**

- Activity type: Ongoing
- Timescale: 4 \* Q 2008
- Milestones:
- Metrics
  - A) Control suggestions incorporated into Policy,
  - B) Heard in the CSExec meeting
  - C) Grid oriented materials prepared and presented in training fora.

**Priorities:** The most important objectives are: Avoid disruptions to production in the OSE (including compliance based disruptions) , and to maintain the influence gained by filling the role of OSG security officer. If we are short of time or resources we will de-scope each activity with these important objectives kept in mind.

**Staffing:** We will to bring the new hire for OSG security up to speed.

### **Change control:**

Change control within the OSG project, for OSG matters; all other change items are within the CD's pervue.

### **Risk Assessment:**

1. Grid software does not currently have a threat community. There have been no hostile incidents involving grid service-based access to sites. An aggressive grid threat community will be able to out think the existing security staff.
2. Failure to push the OSG agenda in common fora may create an environment where the OSG is perceived as especially risky, because its needs will be (relatively) unaddressed.
3. The perception of poor security compliance or performance by DOE will likely affect the scientific computing program in an adverse ways, including but not limited to stand downs, and imposed controls that limit performance or interoperability.

